

At page 18, line 13, please delete "Acryloyloxyethyltrimethy," and insert therefore --  
Acryloyloxyethyltrimethyl--.

At page 46 line 17, please delete "Color Unites," and insert therefore --Color Units--  
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**In the claims**

**PLEASE CANCEL CLAIMS 41-50.**

**PLEASE AMEND THE FOLLOWING CLAIMS AS FOLLOWS:**

20. (Amended) A process for clarification of water by chemical treatment, said process comprising:
- adding to the water an effective amount of at least one aluminum polymer and an effective amount of at least one ammonium polymer, or blends thereof, to coagulate particles and to form a flocculated suspension thereof within a water phase;
- [wherein the ratio (active mass basis) of ammonium polymer to aluminum polymer is greater than 1/20, and wherein,]
- said ammonium polymer or blends thereof includes at least one ammonium polymer having a molecular weight of at least approximately 500,000 to approximately 1,000,000[; and
- the ratio (active mass basis) of said ammonium polymer, having a molecular weight of at least approximately 500,000 to approximately 1,000,000, to said aluminum polymer is greater than 1/60].

21. (Amended) A process for clarification of water of raw alkalinity less than or equal to 50 ppm by

chemical treatment, said process comprising:

adding to the water an effective amount of at least one aluminum polymer and an effective amount of at least one ammonium polymer, or blends thereof, to coagulate particles and to form a flocculated suspension thereof within a water phase,

[wherein the ratio (active mass basis) of ammonium polymer to aluminum polymer is greater than 1/20; and wherein,]

said ammonium polymer or blends thereof includes at least one ammonium polymer having a molecular weight of at least approximately 1,000,000 to approximately 5,000,000[; and

the ratio (active mass basis) of said ammonium polymer, having a molecular weight of at least approximately 1,000,000 to approximately 5,000,000, to said aluminum polymer is greater than 1/150].

22. (Amended) A process for clarification of water by chemical treatment, said process comprising:

adding to the water an effective amount of at least one aluminum polymer and an effective amount of at least one ammonium polymer, or blends thereof, to coagulate particles and to form a flocculated suspension thereof within a water phase,

[wherein the ratio (active mass basis) of ammonium polymer to aluminum polymer is greater than 1/20; and wherein,]

said ammonium polymer or blends thereof includes at least one ammonium polymer having a molecular weight of at least approximately 5,000,000[; and

the ratio (active mass basis) of said ammonium polymer, having a molecular weight of at least approximately 5,000,000, to said aluminum polymer is greater than 1/150].

23. (Amended) A process for clarification of water by chemical treatment, said process comprising:

adding to the water an effective amount of at least one aluminum polymer and an effective amount of at least one polyacrylamide, or blends thereof, to coagulate particles and to form a flocculated suspension thereof within a water phase,

said polyacrylamide having a molecular weight of at least approximately 5,000,000

[wherein the ratio (active mass basis) of polyacrylamide to aluminum polymer is greater than 1/150].

24. (Amended) The process of claims 20, 21, 22 or 23 wherein the residual soluble aluminum of the [settled] water phase is less than 0.2 mg/L.

25. (Amended) The process of claims 20, 21, 22 or 23 wherein the IOC content of the [settled] water phase is less than 2 mg/L.

26. The process of claims 20, 21, 22 or 23 further including the addition of an effective amount of at least one aluminum salt or blends thereof.

27. The process of claim 23 wherein the polyacrylamide is selected from the class anionic, cationic or nonionic or combinations thereof.
28. (Amended) The process of claims 20, [21], 22 or 23 wherein the raw alkalinity of the [raw unclarified] water is less than 50 ppm.
29. (Amended) The process of [claim 28] claims 20, 21, 22 or 23, wherein the water has a raw turbidity of [the raw unclarified water is] 20 NTU or less.
30. The process of claims 20, 21 or 22 wherein the ammonium polymer includes DADMAC.
31. The process of claims 20, 21 or 22 wherein the ammonium polymer includes Epi-DMA.
32. The process of claims 20, 21, 22 or 23 wherein the aluminum polymer includes polyaluminum hydroxychloride.
33. The process of claims 20, 21 or 22 wherein the ammonium polymer contains quaternized nitrogen.
34. The process of claim 23 wherein the polyacrylamide contains quaternized nitrogen.
35. The process of claims 20, 21, 22 or 23 that includes adding ozone to the water in a purifying process to remove TOC and/or DOC.

36. The process of claims 20, 21 or 22 wherein said ammonium polymer and said aluminum polymer are blended in sufficient proportion and quantity to remove algae from said water during clarification.
37. The process of claim 23 wherein said polyacrylamide and said aluminum polymer are blended in sufficient proportion and quantity to remove algae from said water during clarification.
38. The process of claim 26 wherein said aluminum salt and said ammonium polymer are blended in sufficient proportion and quantity to remove algae from said water during clarification.
39. The process of claim 27 wherein said aluminum salt and said polyacrylamide are blended in sufficient proportion and quantity to remove algae from said water during clarification.
40. The process of claim 35 wherein said aluminum salt, ozone and ammonium polymer or polyacrylamide are added in sufficient proportion and quantity to remove algae from said water during clarification.

**PLEASE DELETE CLAIMS 51-65**

66. (Amended) A process for removing algae from water by chemical treatment, said process comprising: [adding to the water] contacting the algae in the water with an effective amount of

at least one ammonium polymer or blends thereof, wherein said ammonium polymer or blends thereof includes at least one ammonium polymer having a molecular weight of at least 1,000,000.

67. The process of claim 66 further including the addition of an effective amount of an algacide to remove algae from the water.